

## GMA1000 Mini Drop Amplifier



GMA1000 series is a bi-directional mini size indoor drop amplifier supporting multi TV sets and cable modems via home coaxial cables. The built-in diplexer design reduces effectively the potential invading noises from home TV outlets. The amplifier has superior usability for home interactive TV and data communications.

### Features:

- I Mini Size
- I Up to 1GHz
- I Bi-directional
- I Return Path 10dB Gain
- I Superior Flatness
- I Built-in Diplexer for Return Band Width
- I Power Indication Lamp
- I Class-A RFI Shielding
- I 2KV ESD Protection

### Specifications:

Item	GMA1000-4210/5410	
Impedance	75 ohm	
Band	Return Path	Forward Path
Frequency Range	5 - 42MHz	54 - 1000MHz
Frequency Flatness	±0.5dB	±0.75dB
Insertion Loss	0.7dB (typ)	0.7dB
Gain	10dB	10dB (typ)
Return Loss	16dB (typ)	16dB (typ)
Noise Figure	3.8dB	3.8dB (typ)
Mutual Isolation	Minimum 45dB (5~1000MHz)	
Supply Voltage	DC 5V Meeting UL, CE, PSE or CCC	
Current Dissipation	200mA (typ)	
Dimensions	18(H) x 57(W) x 35(D) mm	
Net Weight	50g (not including external power adapter)	

**Ordering Information:**

Model	Return Path		Forward Path	
	Band	Gain	Band	Gain
GMA1000 - 5410			54 - 1000MHz	10 dB
GMA1000 - 7010			70 - 1000MHz	10 dB
GMA1000 - 8510			85 - 1000MHz	10 dB
GMA1000 - 42/5410	5 - 42 MHz	by-pass	54 - 1000MHz	10 dB
GMA1000 - 55/7010	5 - 55 MHz	by-pass	70 - 1000MHz	10 dB
GMA1000 - 65/8510	5 - 65 MHz	by-pass	85 - 1000MHz	10 dB
GMA1000 - 4210/5410	5 - 42 MHz	10 dB	54 - 1000MHz	10 dB
GMA1000 - 5510/7010	5 - 55 MHz	10 dB	70 - 1000MHz	10 dB
GMA1000 - 6510/8510	5 - 65 MHz	10 dB	85 - 1000MHz	10 dB